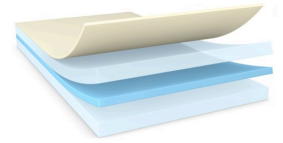


tesa® 58363

Product Information



150 µm double-sided transparent PET filmic tape

Product Description

The tackified acrylic adhesive gives this product a good peel strength and very high dynamic shear (>2MPa) between two polar substrates. The 100µm transparent PET filmic backing offers excellent electrical insulation property. The glassine liner ensures it can be easily released without adhesive residue. It can meet the strict automotive environmental and long-term durability requirement.

Product Features

- Excellent electrical insulation property
- Friendly to converting process
- Reliable peel adhesion on polar substrates
- High dynamic shear performance between polar substrate (>2MPa)

Application Fields

- Demanding mounting applications in EV battery
- Cell to cell mounting

Technical Information (average values)

The values in this section should be considered representative or typical only and should not be used for specification purposes.

Product Construction

- | | | | |
|--------------------|-------------------|-------------------|-----------------|
| • Backing material | PET | • Total thickness | 150 µm |
| • Type of adhesive | tackified acrylic | • Colour | transparent |
| • Type of liner | glassine | • Colour of liner | brown/blue logo |

Properties/Performance Values

- | | | | |
|----------------------------------|-----------|---|--------|
| • Dielectric breakdown voltage | 14800 V | • Temperature resistance long term duration | 125 °C |
| • Minimum temperature resistance | -40 °C | • Temperature resistance max | 125 °C |
| • Temperature resistance | very good | | |

Adhesion to Values

- | | | | |
|-----------------------|----------|-------------------------|----------|
| • Aluminium (initial) | 3.8 N/cm | • Steel (initial) | 4.1 N/cm |
| • PC (initial) | 4.8 N/cm | • Steel (after 14 days) | 6.2 N/cm |

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Product Information

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